

October 14, 2010  
NS Account No. 00.07897.002.01

Amy McLeod, E.I.  
DWSIRLF Project Manager  
MSDH, Division of Water Supply  
P.O. Box 1700  
Jackson, MS 39215-1700

REFERENCE: CULKIN WATER DISTRICT  
WARREN COUNTY, MS  
TIFFINTOWN ROAD WATER TRANSMISSION IMPROVEMENTS  
GREEN PROJECT RESERVE  
SRF DWI-H280016-04

Dear Amy:

On behalf of our client the Culkin Water District (CWD), we are submitting the following business case for water and energy efficiency in regards to the referenced project.

CWD is comprised of a number of former water associations consisting of aging pipe. As a result, they can experience high unaccounted for water loss partially due to the leaks within the old systems. Historical information from monthly usage reports indicates a range of water loss from 10-30 percent. CWD has recently been pumping to the system approximately 60 million gallons per month. At 30% this equates to 18 million gallons of unaccounted for water.

A record search for work orders in the project area yielded there were 18 events that CWD was called to repair.<sup>1</sup> At an estimated water loss of 1 – 20 gpm per leak it is assumed that the water loss per leak is 360 – 14,400 gpm just for a 6 – 12 hour period it goes unnoticed. This amount could be greater if the location of the leak is in an area where it goes unnoticed for days.

Therefore, the CWD proposes to install approximately 27,000 linear feet of 12 inch water main. With the installation of this line the CWD will be able to remove from service aging 2, 4, and 6 inch waterline. The construction budget for this project is estimated to be \$3,210,000.00.

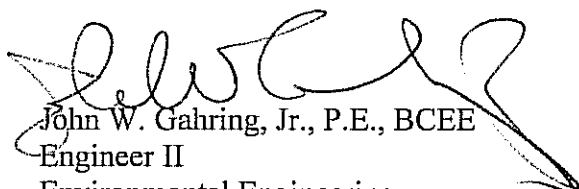
In addition to providing a more reliable water line, the increase in line size will also serve in a reduction in the head loss which will affect the pump energy. With an estimated flow of 100 gpm flowing through the existing waterlines a head loss of approximately 67 feet occurs. This equates to annual pump energy usage of 15,277 kwh.<sup>2</sup> With the new line at an estimated flow of 250 gpm, the head loss 8.9 feet, the annual pump energy usage is 5,056 kwh. A difference of 10,221 kwh annually.

The installation of the 12 inch line should provide an environmental benefit reducing continuous leaks thereby saving thousands of gallons of water per year in addition to a reduction in the distribution pump energy usage.

If you have any questions or need additional information, please call.

Sincerely,

Neel-Schaffer, Inc.



John W. Gahring, Jr., P.E., BCEE  
Engineer II  
Environmental Engineering

Attachments

pc: John Gunn  
File

Notes:

1. Historical data for work orders was reviewed for years 2007-2010.
2. Pump power formula:  $\text{kW} = 0.75 * \text{gpm} * (\text{ft of head}) / (3,960 * (\text{pump efficiency}))$ . The pump efficiency is 73%. Annual consumption was calculated by multiplying by 8,760 hours per year.

**CULKIN WATER DISTRICT**  
Water System Improvements

8/2/2010

**PRELIMINARY COST ESTIMATE**

12 inch Water Main to Bovina

Description	Quantity	Units	Unit Cost	Total Cost
<b>Bovina Main</b>				
Sitework and Erosion Control	1	L.S.	\$ 37,000	\$ 37,000
12" Ductile Iron Water Main	32000	L.F.	\$ 80	\$ 2,560,000
12" Gate Valves	15	EA.	\$ 1,200	\$ 18,000
Air Release Valve and Vault	4	EA.	\$ 7,000	\$ 28,000
Fire Hydrants	12	EA.	\$ 2,500	\$ 30,000
Connection to Existing Water Main	2	EA.	\$ 2,500	\$ 5,000
Tiffintown Bored Crossing 12" DIP w/ 24" Casing	100	L.F.	\$ 400	\$ 40,000
I-20 Bored Crossing 12" DIP w/ 24" Casing	300	L.F.	\$ 400	\$ 120,000
US-80 Bored Crossings 12" DIP w/ 24" Casing	200	L.F.	\$ 400	\$ 80,000
<b>SUBTOTAL</b>				<b>\$ 2,918,000</b>
Contingencies (10%)	1	L.S.		\$ 292,000
<b>CONSTRUCTION TOTAL</b>				<b>\$ 3,210,000</b>
Engineering Design and Construction Fees	1	L.S.		\$ 368,325
<b>PROJECT TOTAL</b>				<b>\$ 3,578,325</b>

\*\* This estimate represents the estimated construction cost of installing a 12" distribution main from intersection of Tiffintown Road and Tiffinton Road to the proposed Bovina Tank. The length of pipe needed is based on using the existing tank site. The distribution main will be bored under I-20 at Bovina. The main will be needed following the construction of the Bovina Tank.

DATE: 091010                      08:34                      ACCOUNT:        7 /    2000 -  
CUST #:                            4094  
CUSTOMER:                        JOHN MCHAN                      WORK ORDER #:        24440  
  
ADDRESS:                        3250 TIFFENTOWN RD.                      PHONE: 636-8821                      BY: Mis  
  
METER #:                        94548178                      METER READING:        1329120

WORK REQUEST OR COMPLAINT:        DATE REQUIRED: 091010        TIME REQUIRED:

LEAK ACROSS THE STREET  
IN DITCH

NEW ADDRESS: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

=====

I PERFORMED THE FOLLOWING:    DATE: \_\_\_\_\_    TIME: \_\_\_\_\_    UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_    TURN ON \_\_\_\_\_    UNLOCK & LEAVE OFF \_\_\_\_\_

READ & LEAVE ON \_\_\_\_\_    INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_    METER READING \_\_\_\_\_

NEW METER S/N \_\_\_\_\_    METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE: 070610 08:22 ACCOUNT: 7 / 1960 -  
CUST #: 4090  
CUSTOMER: JANE R. WARNOCK WORK ORDER #: 23603  
ADDRESS: 3046 TIFFENTOWN RD. PHONE: 601 636-2625 BY: Mis  
METER #: METER READING: 124800  
WORK REQUEST OR COMPLAINT: DATE REQUIRED: 070610 TIME REQUIRED:

LEAK

NEW ADDRESS: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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I PERFORMED THE FOLLOWING: DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_ TURN ON \_\_\_\_\_ UNLOCK & LEAVE OFF \_\_\_\_\_

READ & LEAVE ON \_\_\_\_\_ INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

NEW METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE: 032410                      14:24                      ACCOUNT:        7 /    2000 -  
CUST #:                            4094  
CUSTOMER:                        JOHN MCHAN                      WORK ORDER #:        22663  
  
ADDRESS:                        3250 TIFFENTOWN RD.                      PHONE: 636-8821                      BY: Mis  
  
METER #:                        94548178                      METER READING:        1304240  
  
WORK REQUEST OR COMPLAINT:        DATE REQUIRED: 032410        TIME REQUIRED:

LEAK

NEW ADDRESS: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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I PERFORMED THE FOLLOWING:    DATE: \_\_\_\_\_    TIME: \_\_\_\_\_    UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_    TURN ON \_\_\_\_\_    UNLOCK & LEAVE OFF \_\_\_\_\_  
  
READ & LEAVE ON \_\_\_\_\_    INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_    METER READING \_\_\_\_\_  
NEW METER S/N \_\_\_\_\_    METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE: 060909 16:14 ACCOUNT: 7 / 1890 - 1  
CUST #: 4083  
CUSTOMER: PAYTON FULGHAM WORK ORDER #: 19117  
ADDRESS: 2636 TIFFENTOWN RD. PHONE: 634-1401 BY: PY2  
METER #: 38717386 METER READING: 2275300

WORK REQUEST OR COMPLAINT: DATE REQUIRED: 060909 TIME REQUIRED:

CHECK FOR POSSIBLE LEAK

NEW ADDRESS: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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I PERFORMED THE FOLLOWING: DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_ TURN ON \_\_\_\_\_ UNLOCK & LEAVE OFF \_\_\_\_\_

READ & LEAVE ON \_\_\_\_\_ INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

NEW METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



DATE: 072009                      13:03                      ACCOUNT:        7 /    2000 -  
CUST #:                            4094  
CUSTOMER:                        JOHN MCHAN                      WORK ORDER #:    19800  
  
ADDRESS:                        3250 TIFFENTOWN RD.              PHONE: 636-8821              BY: STA  
  
METER #:                        94548178                      METER READING:    1262280

WORK REQUEST OR COMPLAINT:        DATE REQUIRED:                      TIME REQUIRED:

REPAIR LEAK - CUST. REPORTED A LEAK  
BY OR NEAR THE METER AT THE ROAD

NEW ADDRESS: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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I PERFORMED THE FOLLOWING:    DATE: \_\_\_\_\_    TIME: \_\_\_\_\_    UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_    TURN ON \_\_\_\_\_    UNLOCK & LEAVE OFF \_\_\_\_\_

READ & LEAVE ON \_\_\_\_\_    INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_    METER READING \_\_\_\_\_

NEW METER S/N \_\_\_\_\_    METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE: 070909 16:14 ACCOUNT: 7 / 3020 - 2  
CUST #: 10547  
CUSTOMER: JEFFERY & LORI TAYLOR WORK ORDER #: 19468  
ADDRESS: 3875 TIFFENTOWN RD. PHONE: 601-619-1514 BY: STA  
METER #: 98493115 METER READING: 1520660

WORK REQUEST OR COMPLAINT: DATE REQUIRED: 070909 TIME REQUIRED:

LEAK - CUST CALLED DAVID

NEW ADDRESS: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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I PERFORMED THE FOLLOWING: DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_ TURN ON \_\_\_\_\_ UNLOCK & LEAVE OFF \_\_\_\_\_

READ & LEAVE ON \_\_\_\_\_ INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

NEW METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE: 110408 10:29 ACCOUNT: 7 / 3030 - 4  
CUST #: 11909  
CUSTOMER: BRANDY BOYD WORK ORDER #: 17300  
ADDRESS: 3875-A TIFFENTOWN ROAD PHONE: 601 636-2687 BY: STA  
METER #: 99598319 METER READING: 255450  
WORK REQUEST OR COMPLAINT: DATE REQUIRED: 110408 TIME REQUIRED:

leak

NEW ADDRESS: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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I PERFORMED THE FOLLOWING: DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_ TURN ON \_\_\_\_\_ UNLOCK & LEAVE OFF \_\_\_\_\_

READ & LEAVE ON \_\_\_\_\_ INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

NEW METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE: 090408 16:46 ACCOUNT: 7 / 3040 - 1  
CUST #: 4154  
CUSTOMER: DAVID W CHILDERS WORK ORDER #: 16743  
ADDRESS: 3877 TIFFENTOWN ROAD PHONE: 636-4564 BY: MAR  
METER #: 64876393 METER READING: 83320

WORK REQUEST OR COMPLAINT: DATE REQUIRED: 090408 TIME REQUIRED:

LEAK IN DRIVEWAY

NEW ADDRESS: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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I PERFORMED THE FOLLOWING: DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_ TURN ON \_\_\_\_\_ UNLOCK & LEAVE OFF \_\_\_\_\_  
READ & LEAVE ON \_\_\_\_\_ INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

NEW METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE: 082108 14:32 ACCOUNT: 7 / 3020 - 2  
CUST #: 10547  
CUSTOMER: JEFFERY & LORI TAYLOR WORK ORDER #: 16674  
ADDRESS: 3875 TIFFENTOWN RD. PHONE: 601-619-1514 BY: DEB  
METER #: 98493115 METER READING: 1357220

WORK REQUEST OR COMPLAINT: DATE REQUIRED: 082108 TIME REQUIRED:

LEAK- ON GRAVEL ROAD @ THE FIRST HORSE SHOE  
THREE PINE TREES ON RIGHT ON LEFT SIDE OF RO

NEW ADDRESS: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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I PERFORMED THE FOLLOWING: DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_ TURN ON \_\_\_\_\_ UNLOCK & LEAVE OFF \_\_\_\_\_

READ & LEAVE ON \_\_\_\_\_ INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

NEW METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE: 052808 16:16 ACCOUNT: 7 / 1620 - 2  
CUST #: 9837  
CUSTOMER: BILL NEAL WORK ORDER #: 15793  
ADDRESS: 2211 TIFFENTOWN ROAD PHONE: 661-7660 BY: MAR  
METER #: METER READING: 16420

WORK REQUEST OR COMPLAINT: DATE REQUIRED: 052808 TIME REQUIRED:

LEAK - PER READER

NEW ADDRESS: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REMARKS: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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I PERFORMED THE FOLLOWING: DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_ TURN ON \_\_\_\_\_ UNLOCK & LEAVE OFF \_\_\_\_\_

READ & LEAVE ON \_\_\_\_\_ INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

NEW METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

DATE: 111507 09:54 ACCOUNT: 7 / 410 -  
CUST #: 3941  
CUSTOMER: EDDIE SMITH WORK ORDER #: 14234  
ADDRESS: 905 TIFFENTOWN RD. PHONE: 636-5110 BY: PY2  
METER #: METER READING: 1592680

WORK REQUEST OR COMPLAINT: DATE REQUIRED: 111507 TIME REQUIRED:

NO WATER/ HAS BEEN LOW/ NOW NONE

NEW ADDRESS: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

=====

I PERFORMED THE FOLLOWING: DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_ TURN ON \_\_\_\_\_ UNLOCK & LEAVE OFF \_\_\_\_\_

READ & LEAVE ON \_\_\_\_\_ INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

NEW METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE: 103107 10:05 ACCOUNT: 7 / 3020 - 2  
CUST #: 10547  
CUSTOMER: JEFFERY & LORI TAYLOR WORK ORDER #: 14116  
ADDRESS: 3875 TIFFENTOWN RD. PHONE: 601-619-1514 BY: MAR  
METER #: 98493115 METER READING: 1206310

WORK REQUEST OR COMPLAINT: DATE REQUIRED: 103107 TIME REQUIRED:

LEAK - NOT TOO BAD

NEW ADDRESS: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

=====

I PERFORMED THE FOLLOWING: DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_ TURN ON \_\_\_\_\_ UNLOCK & LEAVE OFF \_\_\_\_\_

READ & LEAVE ON \_\_\_\_\_ INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

NEW METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



DATE: 100207 16:03 ACCOUNT: 7 / 1630 -  
CUST #: 5367  
CUSTOMER: WARREN COUNTY PARK COMMISSION WORK ORDER #: 13910  
ADDRESS: 1566 TIFFENTOWN RD. PHONE: 6341739 BY: MAR  
METER #: 33755804 METER READING: 789960

WORK REQUEST OR COMPLAINT: DATE REQUIRED: 100207 TIME REQUIRED:

LEAK - NEAR GOLF COURSE

NEW ADDRESS: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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I PERFORMED THE FOLLOWING: DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_ TURN ON \_\_\_\_\_ UNLOCK & LEAVE OFF \_\_\_\_\_

READ & LEAVE ON \_\_\_\_\_ INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

NEW METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE: 102907 12:59 ACCOUNT: 7 / 3040 - 1  
CUST #: 4154  
CUSTOMER: DAVID W CHILDERS WORK ORDER #: 14097  
ADDRESS: 3877 TIFFENTOWN ROAD PHONE: 636-4564 BY: MAR  
METER #: 64876393 METER READING: 52770

WORK REQUEST OR COMPLAINT: DATE REQUIRED: 102907 TIME REQUIRED:

LEAK - RUNNING DOWN RD

NEW ADDRESS: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I PERFORMED THE FOLLOWING: DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_ TURN ON \_\_\_\_\_ UNLOCK & LEAVE OFF \_\_\_\_\_

READ & LEAVE ON \_\_\_\_\_ INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

NEW METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE: 050707 09:00 ACCOUNT: 7 / 3020 - 2  
CUST #: 10547  
CUSTOMER: JEFFERY & LORI TAYLOR WORK ORDER #: 12678  
ADDRESS: 3875 TIEFFENTOWN RD. PHONE: 601-619-1514 BY: MAR  
METER #: 98493115 METER READING: 1073190

WORK REQUEST OR COMPLAINT: DATE REQUIRED: 050707 TIME REQUIRED:

BET 1 & 2 DRIVEWAY ON LEFT - LEAK IN WOODS

NEW ADDRESS: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REMARKS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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I PERFORMED THE FOLLOWING: DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_ TURN ON \_\_\_\_\_ UNLOCK & LEAVE OFF \_\_\_\_\_

READ & LEAVE ON \_\_\_\_\_ INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

NEW METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

DATE: 042307 14:24 ACCOUNT: 7 / 1930 -  
CUST #: 4087  
CUSTOMER: LARRY A. BARNES SR WORK ORDER #: 12589  
ADDRESS: 2840 TIFFENTOWN RD. PHONE: 601 638-2133 BY: DEB  
METER #: 80036877 METER READING: 136170

WORK REQUEST OR COMPLAINT: DATE REQUIRED: 042307 TIME REQUIRED:

LEAK - CALLED IN BY DAVID

NEW ADDRESS: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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I PERFORMED THE FOLLOWING: DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_ TURN ON \_\_\_\_\_ UNLOCK & LEAVE OFF \_\_\_\_\_

READ & LEAVE ON \_\_\_\_\_ INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

NEW METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE: 032107 13:38 ACCOUNT: 7 / 1490 -  
CUST #: 4046  
CUSTOMER: CLEAR CREEK GOLF COURSE WORK ORDER #: 12392  
ADDRESS: 1566 TIFFENTOWN RD. PHONE: 638-9395 BY: DEB  
METER #: 96367683 METER READING: 5327400  
WORK REQUEST OR COMPLAINT: DATE REQUIRED: 032107 TIME REQUIRED:

LEAK CLOSE TO METER

NEW ADDRESS: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

=====

I PERFORMED THE FOLLOWING: DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_ TURN ON \_\_\_\_\_ UNLOCK & LEAVE OFF \_\_\_\_\_  
READ & LEAVE ON \_\_\_\_\_ INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

NEW METER S/N \_\_\_\_\_ METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE: 013107                      08:04                      ACCOUNT:        7 /    1150 -  
CUST #:                            4043  
CUSTOMER:                        KENT MAY                      WORK ORDER #:    12114  
  
ADDRESS:                        1245 TIFFENTOWN RD.                      PHONE: 638-1472                      BY: MAR  
  
METER #:    METER READING:                      263380

WORK REQUEST OR COMPLAINT:        DATE REQUIRED: 013107        TIME REQUIRED:

LEAK 1ST HOUSE PAST ALLEN PL - MARY MAY HOUS

NEW ADDRESS: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

=====

I PERFORMED THE FOLLOWING:    DATE: \_\_\_\_\_    TIME: \_\_\_\_\_    UNIT: \_\_\_\_\_

TURN OFF \_\_\_\_\_    TURN ON \_\_\_\_\_    UNLOCK & LEAVE OFF \_\_\_\_\_  
READ & LEAVE ON \_\_\_\_\_    INSTALL TAP/METER \_\_\_\_\_ SIZE

OLD METER S/N \_\_\_\_\_    METER READING \_\_\_\_\_  
NEW METER S/N \_\_\_\_\_    METER READING \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MATERIALS USED: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_